

**Amendments to the Specification**

Please cancel the paragraph at page 6, lines 16-17.

Please replace the paragraphs beginning on page 6, line 18 through line 22, with the following rewritten paragraphs:

FIG. 9 8 illustrates formation of a PZTN thin film by spin coating method according to one embodiment of the present invention.

FIG. 10 9 shows surface morphology and crystallinity of a tetragonal PZT thin film when mixing  $\text{PbSiO}_3$  into a sol-gel solution for forming PZT, according to one embodiment of the present invention.

Please add the following new paragraph after the paragraph ending on line 22 of page 6:

FIG. 10 illustrates formation of ferroelectric thin film by spin coating method according to one embodiment of the present invention.